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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 6

Complete if Known	
Application Number	10/585,504
Filing Date	February 14, 2008
First Named Inventor	Haolun Jin
Art Unit	4161
Examiner Name	McDowell, Brian E.
Attorney Docket Number	587.PFUS

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	*	US-4,816,570	03-28-1989	Farquhar	
	*	US-4,968,788	11-06-1990	Farquhar	
	*	US-5,663,159	09-02-1997	Starrett, Jr. et al.	
	*	US-5,792,756	08-11-1998	Starrett, Jr. et al.	
	*	US-5,798,340	08-25-1998	Bischofberger et al.	
	*	US-6,245,806	06-12-2001	Dombrowski et al.	
	*	US-6,271,402	08-07-2001	Singh et al.	
	*	US-6,312,662	11-06-2001	Erion et al.	
	*	US-6,395,743	05-28-2002	Heimbuch et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]
		WO-91/19721	12-26-1991	Glazier Arnold		
		WO-96/15111	05-23-1996	Univ Minnesota		
		WO-99/62513	12-09-1999	Merck & Co Inc et al.		
		WO-99/62520	12-09-1999	Merck & Co Inc et al.		
		WO-00/75122	12-14-2000	Shionogi & Co et al.		
		WO-01/00578	01-04-2001	Merck & Co Inc et al.		

Examiner Signature		Date Considered	

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		WO-02/055079	07-18-2002	Merck & Co Inc et al.		
		WO-02/30426	04-18-2002	Merck & Co Inc et al.		
		WO-02/30930	04-18-2002	Merck & Co Inc et al.		
		WO-02/30931	04-18-2002	Merck & Co Inc et al.		
		WO-02/36734	05-10-2002	Merck & Co Inc et al.		
		WO-03/035076	05-01-2003	Angeletti P Ist Richerche Bio et al.		
		WO-03/035077	05-01-2003	Angeletti P Ist Richerche Bio et al.		
		WO-04/062613	07-29-2004	Squibb Bristol Myers Co et al.		
		WO-04/096128	11-11-2004	Squibb Bristol Myers Co et al.		
		WO-05/061490	07-07-2005	Shionogi & Co et al.		

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		ALMANSA et al. (1995) "4-(2-Pyridyl)-2,2-Dimethylnaphthalen-1-Ones as New Potassium Channel Activators with Increased Airways Selectivity," *Bioorganic & Medicinal Chemistry Letters* 5(16):1833-1838	
		ARTICO et al. (1998) "Geometrically and Conformationally Restrained Cinnamoyl Compounds as Inhibitors of HIV-1 Integrase: Synthesis, Biological Evaluation, and Molecular Modeling," *J.Med. Chem.* 41:3948-3960	
		BALSIGER et al. (1959) "Synthesis of Potential Anticancer Agents, XVIII. Analogs of Carbamoyl Phosphate," *J. Org. Chem.* 24(3):434-436	
		BEAUCHAMP et al. (1992) "Amino Acid Ester Prodrugs of Acyclovir," *Antiviral Chemistry & Chemotherapy* 3(3):157-164	
		BENZARIA et al. (1996) "Synthesis, in Vitro Antiviral Evaluation, and Stability Studies of Bis(S-Acyl-2-thioethyl) Ester Derivatives of 9-[2-(Phosphonomethoxy)ethyl]adenine (PMEA) as Potential PMEA Prodrugs with Improved Oral Bioavailability," *J. Med. Chem.* 39:4958-4965	
		BEUSEN et al. (1995) 'Solid -State Nuclear Resonance Analysis of the Conformation of an Inhibitor Bound to Thermolysin," *J.Med. Chem.* 38:2742-2747	
		BHUTA et al. (1980) "Analogues of Chloramphenicol: Circular Dichroism Spectra, Inhibition of Ribosomal Peptidyltransferase, and Possible Mechanism of Action," *J. Med. Chem.* 23:1299-1305	
		BIGGE et al. (1992) "Exploration of N-Phosphonoalkyl-, N-Phosphonalkenyl-, and N-(Phosphonoalkyl)phenyl-Spaced α-Amino Acids as Competitive N-Methyl-D-Aspartic Acid Antagonists," *J. Med. Chem.* 68:1371-1384	
		BUNDGAARD, H. (1991) "Design and Application of Prodrugs," *Textbook of Drug Design and Development* 113-191	
		BUOLAMWINI and ASSEFA (2002) "CoMFA and CoMSIA 3D QSAR and Docking Studies on Conformationally-Restrained Cinnamoyl HIV-1 Integrase Inhibitors: Exploration of a Binding Mode at the Active Site," *J. Med. Chem.* 45:841-852	
		BURGER and ANDERSON (1957) "Monoesters and Ester-amidates of Aromatic Phosphonic Acids," *J. Am Chem Soc.* 79:3575-3579	
		CAMPAGNE et al. (1995) "(1H-Benzotriazol-1-yloxy)tris(dimethylamino)phosphonium Hexafluorophosphate- and (1H-Benzotriazol-1yloxy)tripyrrolidinophosphonium Hexafluorophosphate-Mediated Activation of Monophosphonate Esters: Synthesis of Mixed Phosphonate Diesters, the Reactivity of the Benzotriazolyl Phosphonic Esters vs the Reactivity of the Benzotriazolyl Carboxylic Esters," *J. Org. Chem.* 60:5214-5223	
		CARTER et al. (1965) "Carbobenzoxy Chloride and Derivatives," *Organic Syntheses Collective* 3:167-169	
		CHEN et al. (1997) "Design, Synthesism and Biochemical Evaluation of Phosphonate and Phosphonamidate Analogs of Glutathionylspermidine as Inhibitors of Glutathionylspermidine Synthetase/Amidase from Escherichia Coli," *J. Med. Chem.* 40:3842-3850	
		COLEMAN and CARPENTER (1992) "Synthesis of the Aziridino[1,2-a]pyrrolidine Substructure of the Antitumor Agents," *J. Org. Chem.*. 57:5813-5815	
		COREY and SUGGS (1973) "Selective Cleavage of Allyl Ethers Under Mild Conditions by Transition Metal Reagents," *J. Org. Chem.* 38(18):3224	
		DARBY, G. (1995) "In Search of the Perfect Antiviral," *Antiviral Chemistry & Chemotherapy* 6(Suppl.1):54-63	

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Sheet 4 of 6

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		DE LOMBAERT et al. (1994) "N-Phosphonomethyl Dipeptides and Their Phosphonate Prodrugs, A New Generation of Neutral Endopeptidase (NEP, EC 3,4,24.11) Inhibitors," *J. Med. Chem.* 37:498-511	
		EFFENBERGER and BRODT (1985) "2(1h)-Pyridon als Austtittsgruppe bei Acylierungsreaktionen-Anwendungen in der Peptidchemie," *CHEM BER* 118:468-482	
		EFIMOV et al. (1998) "Synthesis of DNA Analogues with Novel Carboxamidomethyl Phosphonamide and Glycinamide Internucleoside Linkages," *Bioorganic & Medicinal Chemistry Letters* 8:1013-1018	
		ESPESETH et al. (2000) "HIV-1 Integrase Inhibitors that Compete with the Target DNA Substrate Define A Unique Strand Transfer Conformation for Integrase," *PNAS* 97(21):11244-11249	
		FARNET et al. (1996) "Differential Inhibition of HIV-1 Preintegration Complexes and Purified Integrase Protein by Small Molecules," *Proc. Natl. Acad. Sci. USA* 93:9742-9747	
		FARQUHAR et al. (1983) "Biologically Reversible Phosphate-Protective Groups," *Journal of Pharmaceutical Sciences* 72(3):324-325	
		GALEOTTI et al. (1996) "A Straightforward Synthesis of Amino Phosphonate Monoesters Using BroP or TPyCIU," *Tetrahedron Letters* 37(23):3997-3998	
		GALI et al. (2000) "Facile Ring-Opening Reactions of Phthalimides as a New Strategy to Synthesize Amide-Functionalized Phosphonates, Primary Phosphines, and Bisphosphines," *J. Org. Chem.* 65:676-680	
		GOLDGUR et al. (1999) "Structure of the HIV-1 Integrase Catalytic Domain Complexed with an Inhibitor: A Platform for Antiviral Drug Design," *PNAS* 98(23):13040-13043	
		GRIFFIN and BURGER (1956) "D-Glucopyranose 6-Deoxy-6-Phosphonic Acid," *JAM Chem Soc.* 78(10):2336-2338	
		HAKIMELAHI et al. (1995) "Design, Synthesis, and Structure - Activity Relationship of Novel Dinucleotide Analogs as Agents against Herpes and Human Immunodeficiency Viruses," *J. Med. Chem.* 38:4648-4659	
		HAZUDA et al. (1994) "A Novel Assay for the DNA Strand -Transfer Reaction of HIV-1 Integrase," *Nucleic Acids Research* 22(6):1121-1122	
		HAZUDA et al. (1997) "Differential Divalent Cation Requirements Uncouple the Assembly and Catalytic Reactions of Human Immunodeficiency Virus Type I Integrase," *Journal of Virology* 71(9):7005-7011	
		HAZUDA et al. (1997) "Discovery and Analysis of Inhibitors of the Human Immunodeficiency Integrase," *Drug, Design and Discovery* 15:17-24	
		HAZUDA et al. (2000) "Inhibitors of Strand Transfer that Prevent Integration and Inhibit HIV-1 Replication in Cells," *Science* 287:646-650	
		HUGHES, D. (1992) "The Mitsunobu Reaction," *Organic Reactions* 42:335-381	
		HUNIG et al. (1965) "The Chemistry of Diimine," *Angew Chem. Internat. Edit.* 4(4):271-280	
		JACOB, Peyton III (1982) "Resolution of -5- Bromonornicotine. Synthesis of (R)- and (S)-Nornicotine of High Enantiomeric Purity," *J. Org. Chem.* 47:4165-4167	
		JING et al. (2002) "Potassium-Dependent Folding: A Key to Intracellular Delivery of G-Quartet Oligonucleotides as HIV Inhibitors," *Biochemistry* 41:5397-5403	
		KATZMAN and KATZ (1999) "Substrate Recognition by Retroviral Integrases," *Advances in Virus Research* 52:371-395	
		KHAMNEI and TORRENCE (1996) "Neighboring Group Catalysis in the Design of Nucleotide Prodrugs," *J. Med. Chem.* 39:4109-4115	

PTO/SB/08b (01-08)
Approved for use through 07/31/2008. OMB 0651-0031
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		KHANDAZHINSKAYA et al. (2002) "Carbocyclic Dinucleoside Polyphosphonates: Interaction with HIV Reverse Transcriptase and Antiviral Activtiy," *J. Med. Chem.* 45:1284-1291	
		KRISE and STELLA (1996) "Prodrugs of Phosphates, Phosphonates, and Phosphinates," *Advanced Drug Delivery Reviews* 19:287-310	
		KUNZ and WALDMANN (1985) "71. Synthesis of the Glycopeptid Partial Sequence A^{80} - A^{84} of Human Fibroblast Interferon," *Helvetica Chimica Acta* 68:618-622	
		LAFEMINA et al. (1992) "Requirement of Active Human Immunodeficiency Virus Type 1 Integrase Enzyme for Productive Infection of Human T-Lymphoid Cells," *Journal of Virology* 66(12):7414-7419	
		LOCHMULLER, C. (1975) "Chromatographic Resolution of Enantiomers Selective Review," *Journal of Chromatography* 113:283-302	
		MATTSON et al. (1990) "An Improved Method for Reductive Alkylation of Amines Using Titanium (IV) Isopropoxide and Sodium Cyanoborohydride[1]," *J. Org. Chem.* 55:2552-2554	
		MITCHELL et al. (1992) "Bioreversible Protection for the Phospho Group: Bioactivation of the Di(4-acyloxybenzyl) and Mono(4-acyloxybenzyl) Phosphoesters of Methylphosphonate and Phosphonoacetate," *J. Chem. Sco. Perkin Trans.* 2345-2353	
		MLADENOVA et al. (1995) "An Efficient Synthesis of Enediyne and Arenediyne Lactams," *Synthetic Communications* 25(9):1401-1410	
		MORGAN et al. (1994) "Structure-Based Design of an Inhibitor of the Zinc Peptidase Thermolysin," *J. Am. Chem. Soc.* 116:3251-3260	
		MORR et al. (2001) 'Formation of Phostonic Acids During the Reduction of Azidonucleosidephosphonic Acids," *Tetrahedron Letters* 42:8841-8843	
		MORRIS and WISHKA (1991) "Vinyl Sulfonyl Esters and Amides in the Synthesis of Substituted δ-Sultams and δ-Sultones," *J. Org. Chem.* 56:3549-3556	
		MOSS et al. (1987) "A Convenient Preparation of 1,2-Diacyglycerols: o -Iodobenzoyl as a Protecting Group," *Tetrahedron Letters* 28(42):5005-5008	
		MUSIOL et al. (1994) "On the Synthesis of Phosphonamidate Peptides," *J. Org. Chem.* 59:6144-6146	
		NAIR, V. (2002) "HIV Integrase as a Target for Antiviral Chemotherapy," *Rev. Med. Virol. 12:179-193*	
		NEAMATI, N. (2002) "Patented Small Molecule Inhibitors of HIV-1 Integrase: A 10-Year Saga," *Expert Opin. Ther. Patents.* 12(5):709-724	
		NEUSTADT, B. (1994) "Facile Preparation of N-(Sulfonyl)carbamates," *Tetrahedron Letters* 35(3):379-380	
		OKAMOTO et al. (1990) "Optical Resolution of Dihydropyridine Enantiomers by High-Performance Liquid Chromatography Using Phenylcarbamates of Polysaccharides as a Chiral Stationary Phase," *Journal of Chromatography* 513:375-378	
		OLIYAI et al. (1999) "Aryl Ester Prodrugs of Cyclic HPMPC.I: Physicochemical Characterization and *In Vitro* Biological Stability," *Pharmaceutical Research* 16(11):1687-1693	
		OLIYAI et al. (1999) "Enhanced Chemical Stability of the Intracellular Prodrug, 1-[((S)-2-Hydroxy-2-Oxo-1,4,2-Dioxaphosphorinan-5-yl)methyl] Cytosine, Relative to its Parent Compound, Cidofovir," *International Journal of Pharmaceutics* 179:257-265	
		PAIS et al. (2002) "Structure Activity of 3-Aryl-1,3-Diketo-Containing Compounds as HIV-1 Integrase Inhibitors[1]," *J. Med. Chem.* 45:3184-3194	
		PALELLA et al. (1998) "Declining Morbidity and Mortality Among Patients with Advanced Human Immunodeficiency Virus Infection," *The New England Journal of Medicine* 338(13):853-860	

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		PHILLION and ANDREW (1986) "Synthesis and Reactivity of Diethyl Phosphonomethyltriflate," *Tetrahedron Letters* 27(13):1477-1480	
		POMMIER and NEAMATI (1999) "Inhibitors of Human Immunodeficiency Virus Integrase," *Advances in Virus Research* 52:427-459	
		POMMIER et al. (2000) "Retroviral Integrase Inhibitors Year 2000: Update and Perspectives," *Antiviral Research* 47:139-148	
		PUECH et al. (1993) "Intracellular Delivery of Nucleoside Monophosphates Through A Reductase-Mediated Activiation Process," *Antiviral Research* 22:155-174	
		PUNGENTE and WEILER (2001) "Synthesis and Stereochemical Elucidation of a 14-Membered Ring Phosphonate," *Organic Letters* 3(5):643-646	
		RICHMAN, D. (2001) "HIV Chemotherapy," *Nature* 410:995-1001	
		ROACH et al. (1987) "Fluorescence Detection of Alkylphosphonic Acids Using p-(9-Anthroyloxy)phenacyl Bromide," *Anal. Chem.* 59:1056-1059	
		ROSENBERG and HOLY (1987) "Synthesis of Potential Prodrugs and Metabolites of 9-(*S*)-(3-Hydroxy-2-Phosphonylmethoxypropyl)Adenine," *Collection Czechoslovak Chem. Comm.* 52:2792-2800	
		SAADY et al. (1995) "Selective Monodeprotection of Phosphonate, Phosphite, Phosphonate, and Phosphoramide Benzyl Esters," *J. Org. Chem.* 60:2946-2947	
		SARDINA et al (1986) "Studies on the Synthesis of Side-Chain Hydroxylated Metabolites of Vitamin D. 2. Stereocontrolled Synthesis of 25-Hydroxyvitamin D_2[1]," *J. Org. Chem.* 51:1264-1269	
		SERAFINOWSKA et al. (1995) "Synthesis and in Vivo Evaluation of Prodrugs of 9-[2-(Phosphonomethoxy)ethoxy]adenine," *J. Med. Chem.* 38:1372-1379	
		SHARMA et al (1989) "Spermexatin and Spermexatol: New Synthetic Spermidine-Based Siderophore Analogues," *J. Med. Chem.* 32:357-367	
		SUN, Chong-Qing (2002) "A General Synthesis of Dioxolenone Prodrug Moieties," *Tetrahedron Letters* 43:1161-1164	
		SZABO et al. (1995) "Solid Phase Synthesis of 5'-Methylenephosphonate DNA," *Nucleosides & Nucleotides* 14(3-5):871-874	
		TSUSHIMA et al. (1988) "Fluorine-Containing Amino Acids and Their Derivatives 7.[1] Synthesis and Antitumor Activity of α- and γ-Substitituted Methotrexate Analogs," *Tetrahedron* 44(17):5375-5387	
		VAN DER LAAN et al. (1996) "An Approach Towards the Synthesis of Oligomers Containing a N-2-Hydroxyethyl-aminomethylphosphonate Backbone: A Novel PNA Analogue," *Tetrahedron Letters* 37(43):7857-7860	
		VIEIRA de ALMEIDA et al. (1999) "Synthesis of Deoxy Phosphatidylinositol Analogues and Phosphonate Isosters of Ins(1,4,5)P_3," *Tetrahedron* 55:12997-13010	
		WOLFE et al. (1996) "The Role of Manganese in Promoting Multimerization and Assembly of Human Immunodeficiency Virus Type 1 Integrase as a Catalytically Active Complex on Immobilized Long Terminal Repeat Substrates," *Journal of Virology* 70(3):1424-1432	
		YAMAUCHI et al. (1984) "Synthesis of Peptide Analogues Containing (2-Aminoethyl)phosphonic Acid (Ciliatine)[1]," *J. Org. Chem.* 49:1158-1163	
		YOUNG, Steven D. (2001) "Inhibition of HIV-1 Integrase by Small Molecules: The Potential for a New Class of AIDS Chemotherapeutics," *Current Opinion in Drug Discovery & Development* 4(4):402-410	
		YUAN et al. (2000) "Effect of Carbonate Salts on the Kinetics of Acid-Catalyzed Dimerization of Adefovir Dipivoxil," *Pharmaceutical Research* 17(9):1098-1103	